

Fig. 1

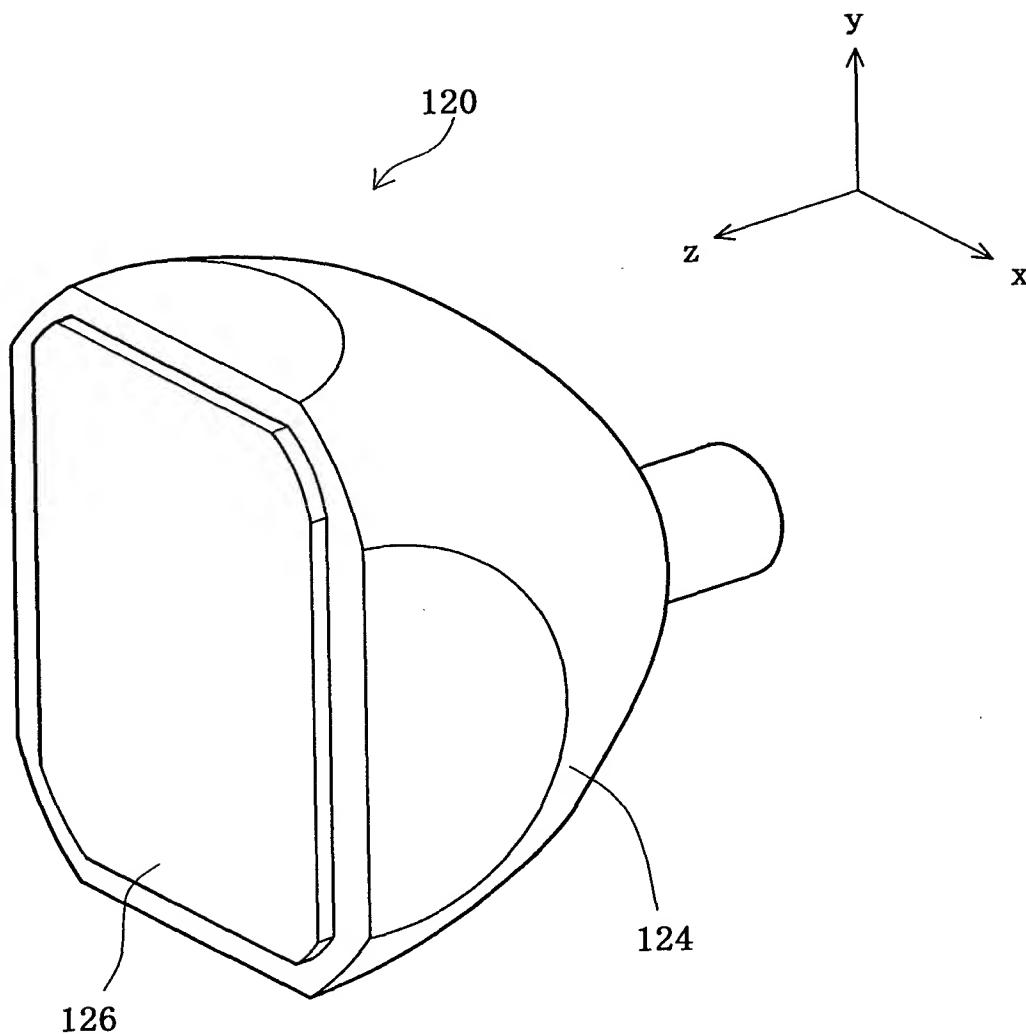


Fig. 2

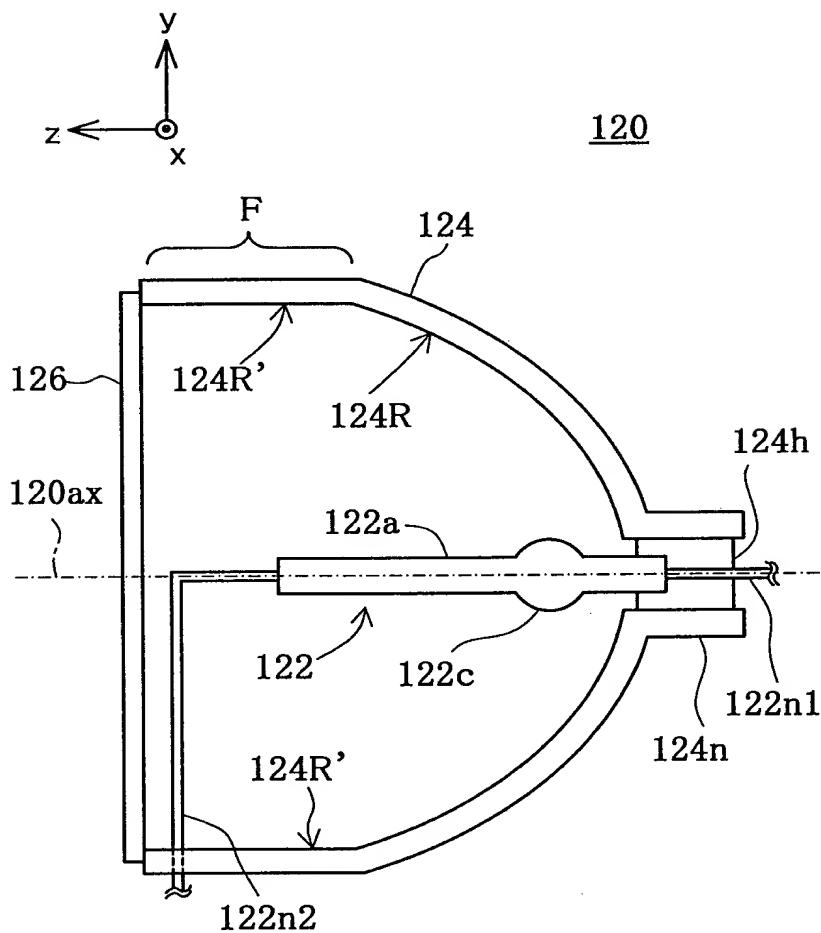
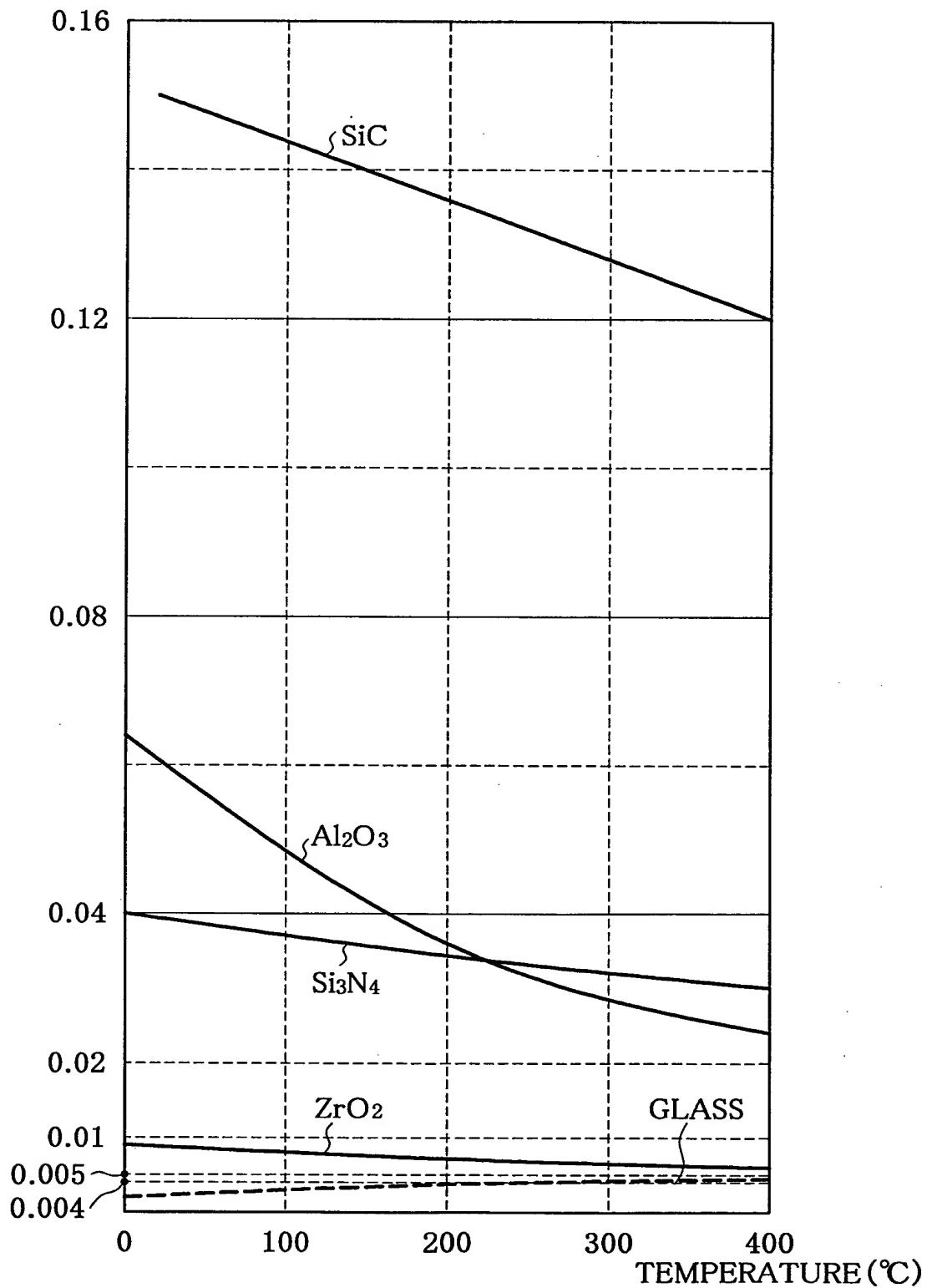


Fig. 3

Materials	Thermal Conductivity (cal/cm·sec·deg) (20°C)
Alumina Al_2O_3	0.04~0.07
Single Crystal Sapphire Al_2O_3	0.1
Forsterite $2\text{MgO} \cdot \text{SiO}_2$	0.008
Steatite $\text{MgO} \cdot \text{SiO}_2$	0.006~0.009
Zircon $\text{ZrO}_2 \cdot \text{SiO}_2$	0.012
Titania Compounds TiO_2 Compounds	0.008~0.013
Silicon Carbide SiC	0.15~0.17
Silicon Nitride Si_3N_4	0.04~0.07
Zirconia ZrO_2	0.009~0.014
Cermet	0.03~0.04

Fig. 4

THERMAL CONDUCTIVITY
(cal/cm²·sec⁻¹·deg)



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CELOON ET AL (703) 413-3000
DOCKET # 198528 USD SHEET 5 OF 5

Fig. 5

